

**KANSAS DEPARTMENT OF AGRICULTURE
DIVISION OF WATER RESOURCES**

DAM SAFETY FIELD INSPECTION CHECKLIST

Water Structure No. _____

Date of Inspection: _____

Inspection Team: _____

Inspection Type: _____ Screening _____ Monitoring (Annual) _____ Significant Event
_____ Full Initial

Priority for Full Initial Inspection? I _____, II _____, III _____

Owner: _____

Site Name: _____

Contact Person(s)/Telephone No(s): _____

Location: _____ Sec _____ Twp _____ Rge _____

Weather: _____

Reservoir Level: _____

Apparent Beneficial Use of Water? _____

Current Hazard Classification: _____ Is hazard classification correct? _____ Yes
_____ No

Deficiency Codes:

0=Adequate/None. 1=Monitor Deficiency. 2=Deficiency Requires Future Repair.

3=Maintenance Action Needs Immediate Action. 4=Deficiency Requires Immediate Action.

Code

Comment

General Conditions

- ___ - Alterations to the dam?
- ___ - Recent high water marks? El. _____
- ___ - Adequate grass cover?
- ___ - Fencing adequate?

Upstream Slope

- ___ - Erosion?
- ___ - Trees?
- ___ - Rodent holes?
- ___ - Cracks, settlement, bulges?
- ___ - Adequate slope protection (riprap)?

Abutment Contacts

- ___ - Erosion, cracks or slides?

Principal Inlet

- ___ - Trashrack adequate?
- ___ - Obstructions to inlet?
- ___ - Damage to concrete/pipe inlet?
- ___ - Drawdown operative?
When last operated _____

Downstream Slope

- ___ - Erosion?
- ___ - Trees?
- ___ - Rodent holes?
- ___ - Cracks, settlement, bulges?
- ___ - Seepage/damp spots?

Abutment Contacts

- ___ - Erosion, cracks or slides?
- ___ - Seepage?

Deficiency Codes:

0=Adequate/None. 1=Monitor Deficiency. 2=Deficiency Requires Future Repair.

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Code

Comment

Principal Spillway Outlet/Stilling Basin

- ☐ - Damage to concrete/outlet pipe?
- ☐ - Leakage?
- ☐ - Joint material lost?
- ☐ - Under-cutting pipe?
- ☐ - Riprap/scour protection adequate?
- ☐ - Outlet channel obstruction?

Dam Crest

- ☐ - Any settlement, misalignment?
- ☐ - Erosion?
- ☐ - Cracks, bulges?
- ☐ - Undesirable vegetation?
- ☐ - Roadway or trails?

Reservoir

- ☐ - Development or fill?
- ☐ - Unstable banks or slopes?

Emergency Spillway

- ☐ - Erosion?
- ☐ - Obstructions?
- ☐ - Trees?

Downstream

- ☐ - Downstream development changes?
- ☐ - Sand boils?

Other observations/comments:

DISCLAIMER:

The Chief Engineer, by providing this dam safety field inspection checklist does not assume responsibility for any unsafe condition of the subject dam. The responsibility for the safety of this dam rests with the dam owner or operator, subject to the regulatory authority of the Chief Engineer as provided by the Obstruction in Streams Act, K.S.A. 82a-301 *et seq.* The dam owner or operator should take every step necessary to prevent damages caused by leakage or overflow of waters from the reservoir or floods resulting from a failure of the dam.

Inspected by: _____ Date: _____

Reviewed by: _____ Date: _____